

S/N 09/730,374



PATENT #6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John A. Lust et al. Examiner: Unknown
Serial No.: 09/730,374 Group Art Unit: Unknown
Filed: December 5, 2000 Docket: 150.188US2
Title: USE OF GENETICALLY ENGINEERED ANTIBODIES TO CD38 TO TREAT
MULTIPLE MYELOMA

COMMUNICATION RE: CORRECTED APPLICATION PAPERS

Box Missing Parts
Commissioner for Patents
Washington, D.C. 20231

In response to the "Notice to File Corrected Application Papers" (see enclosed copy).
Enclosed are 11 sheets of formal drawings for the above-identified application.

Applicants assume the application is now in proper order and in condition for
examination. Please direct any inquiries to the undersigned attorney at (612) 373-6959.

If necessary, please charge any additional fees or credit overpayment to Deposit Account
No. 19-0743.

Respectfully submitted,

JOHN A. LUST ET AL.

By their Representatives,

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Date

May 7, 2001

By

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JEE:CMG:jms

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited
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Name

Jill Schrank

Signature

[Signature]

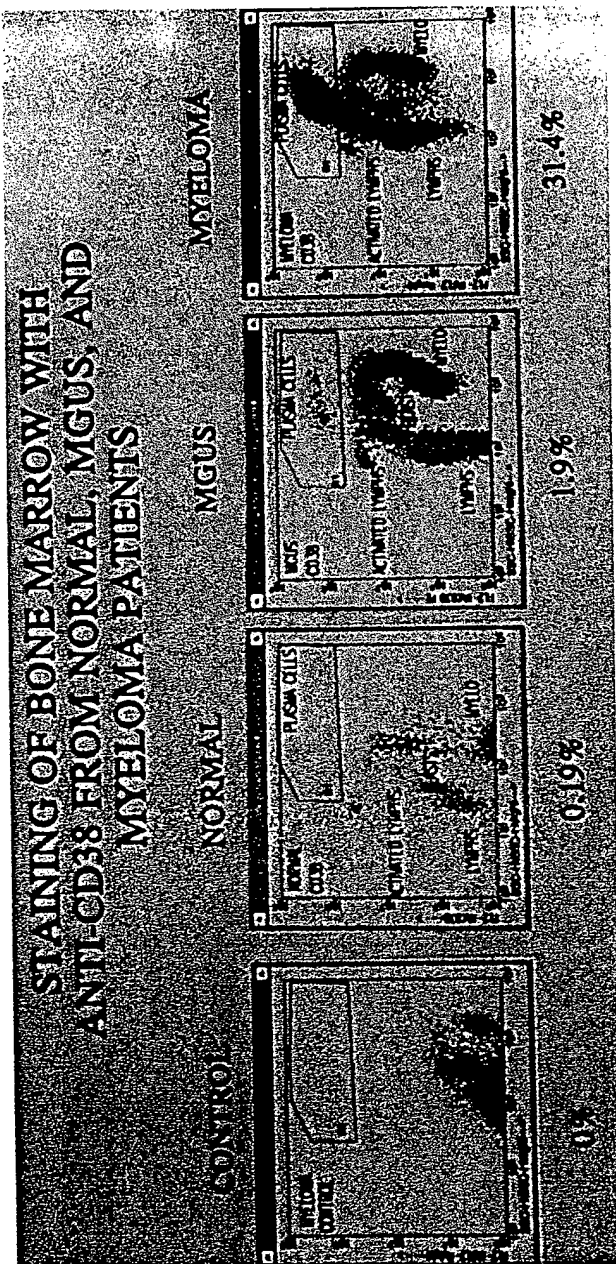


FIG. 1

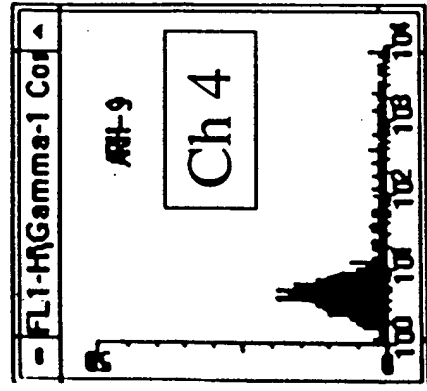
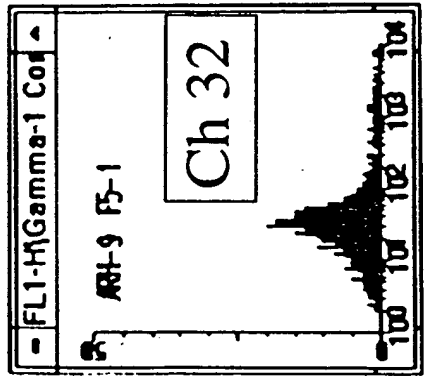
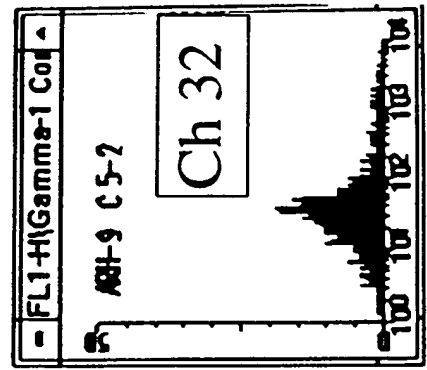


FIG. 2

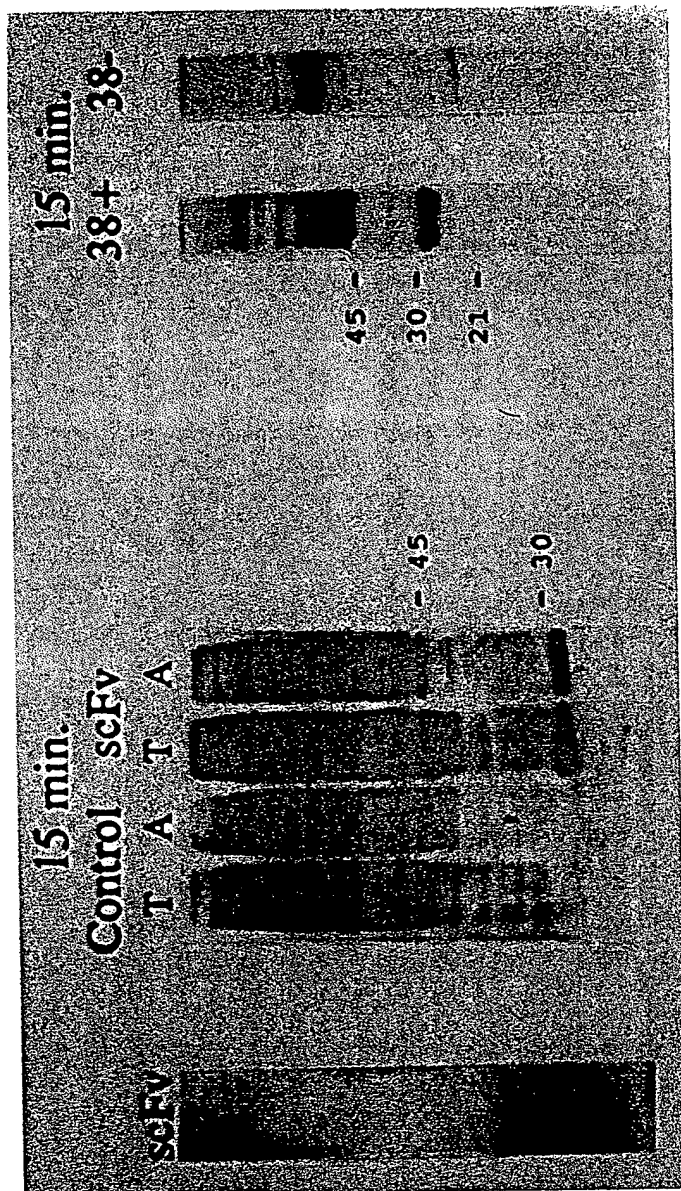


FIG. 3

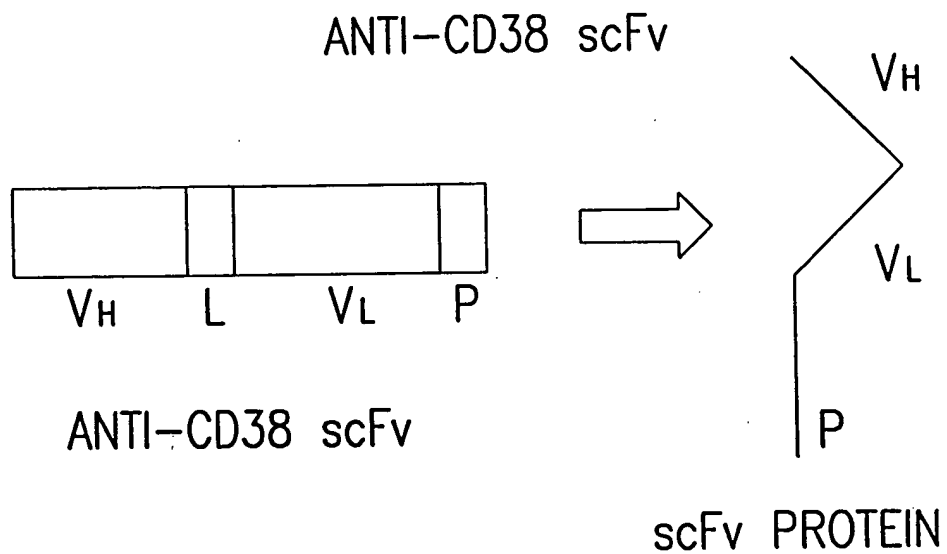


FIG. 4

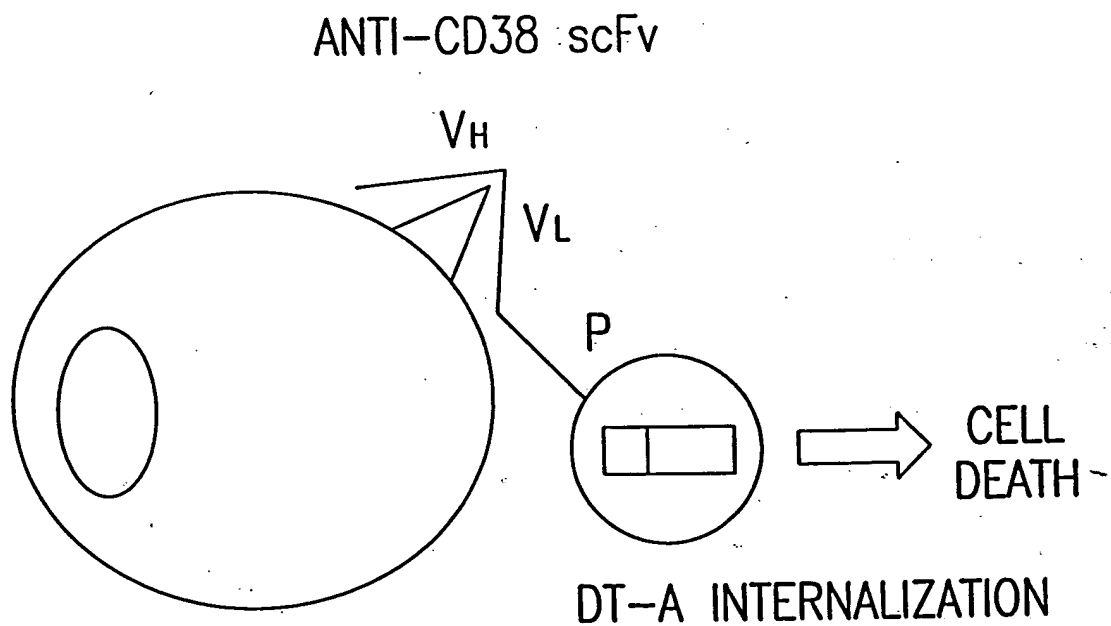


FIG. 5

[illegible]

G P A G H G Q G P A A G V R T * P S A A -
A Q P A M A K V Q L Q E S G P S L V Q P -
P S R P W P R S S C R S Q D L A * C S P -

[illegible]

L T A P V H N L H S L W F L I N * L W C -
S Q R L S I T C T V S G F S L I S Y G V -
H S A C P * P A Q S L V S H * L V M V Y -

FIG. 6

[illegible]

T L G S P V S R K G S G V A G S D M E R -
H W V R Q S P G K G L E W L G V I W R G -
T G F A S S L Q E R V W S G W E * Y G E V -

N	B	H	S
l	B	i	f
aBs		HD	ss
Ibp		pd	at
IvG		he	Jy
III		II	N
		I	I
			/

181 TGAAGCACAGACTACAATGCAGCTTTCATGTGCCAGACTGAGCATCACCAAGGACAACTC
-----+-----+-----+-----+-----+-----+-----+ 240
ACCTTCGTGCTGATGTTACGTCGAAAGTACAGGTCTGACTCGTAGTGGTTCCTGTTGAG

W K H R L Q C S F H V Q T E H Q G Q L -
G S T D Y N A A F M S R L S I T K D N S -
E A Q T T M Q L S C P D * A S P R T T P -

C v i J I

MD
sr
ea
II

C C C
v a A v
i c l i
R 8 u J
I I II

T s p R I

/

CAAGAGCCAAAGTTTCTTTAAAATGAACAGCTGTGCAAGCTGATGACACTGCCATATACTT
-----+-----+-----+-----+-----+-----+
GTTCTCGGTTCAAAGAAGAAATTCTTGTGCAGACGTTTCGACTACTGTGACGGTATATGAA

241 300

Q E P S F L * N E Q S A S * * H C H I L -
K S Q V F F K M N S S L Q A D D T A I Y F -
R A K F S L K * T V C K L M T L P Y T S -

S H S
a CBaN A NB Pa
B uBvsels vHlsDsu
f 9siaIat apaash9
i 6rJJIIy IhIJaa6
I IIIIIV IIVIIII
/// / / /

B C
s v
c i
GJ
I I

CTGTGCCAAAACCTTGATTACGACGGGCTATGCTATGGACTACTGGGGCCAAAGGACCAC

L C Q N L D Y D G L C Y G L L G P R D H -
C A K T L I T T G Y A M D Y W G Q G T T -
V P K P * L R R A M L W T T G A K G P R -

E C S
C C S
V O C
i R r
J I F
I I I

C M
V n
i l
R l
I I

481 CATTACTTGCAAGGCAAGTGAGACATATATAATCGGTTAGCCTGGTATCAGCAGAAACC 540
GTAATGAACGTTCCGTTCACTCCTGTATATATTAGCCAATCGGACCATTAGTCGTCCTTGG

H Y L Q G K * G H I * S V S L V S A E T -
I T C K A S E D I Y N R L A W Y Q K P -
L L A R Q V R T Y I I G * P G I S R N Q -

A B C N
vBss v M B l
rfat i s B f s a
IaJy J e R r i r I
IIII I I I I I V

541 AGGAAATGCTCCTAGGCTCTTAATATCTGGTGCAACCAAGTTTGAAACTGGGGTTCCTTC 600
TCCTTTACGAGGATCCGAGAATTATAGACCACGTTGGTCAAACCTTTGACCCCAAGGAAG

R K C S * A L N I W C N Q F G N W G S F -
G N A P R L L I S G A T S L E T G V P S -
E M L L G S * Y L V Q P V W K L G F L Q -

H i T nf fi II /
 S Ba T suDs t3pp R YAnR I IIII I /
 T s' p
 E C Do d5 e7 si r II II I /
 M Bb bo s
 AAGATTCAAGTGGCAGTGGATCTGGAAAGGATTACACTCTCAGCATTACCAGTCTTCAGAC
 601 -----+-----+-----+-----+-----+-----+-----+ 660
 TTCTAAGTCACCGTCACCTAGACCTTTCCTAATGTGAGAGTCGTAATGGTCAGAAAGTCTG

K I Q W Q W I W K G L H S Q H Y Q S S D -
 R F S G S G S G K D Y T L S I T S L Q T -
 D S V A V D L E R I T L S A L P V F R L -

M b o I I
 H i n c 5 7 I I I
 E c o 5 7 I I I
 U Rsb sca aaC III I I I /
 M a BM e ll II I
 A v a I I
 TGAAGATGTTGCTACTTATTACTGTCAACAGTATTGGAGTACTCCTACGTTCCGGTGGAGG
 661 -----+-----+-----+-----+-----+-----+-----+ 720
 ACTTCTACACGATGAATAATGACAGTTGTGCATACCTCATGAGGATGCAAGCCACCTCC

* R C C Y L L L S T V L E Y S Y V R W R -
 E D V A T Y Y C Q Q Y W S T P T F G G G -
 K M L L I T V N S I G V L L R S V E G -

